

Fujitsu & Nutanix – Good things come in pairs

Michael Homborg, Fujitsu
Wolfgang Huse, Nutanix



Nehmen Sie an unserem Gewinnspiel teil

- Bei uns am Stand gibt es Iconic Gold und Silber zu gewinnen





- Good things come in pairs – bauen Sie mit Fujitsu und Nutanix die beste und einfachste DevOps Umgebung die es je gab
 - Wer Fujitsu ist und was langjährige Kunden an den Enterprise Produkten schätzen und nirgendwo anders bekommen
 - Warum gerade die Nutanix Technologie so ideal für den Einsatz in einer DevOps Strategie ist
 - Was jetzt technisch alles möglich wird und damit Ihre Agilität & Flexibilität erhöhen kann
 - Wie Nutanix Ihnen helfen kann Ihre Apps besser zu vermarkten und Anwender-Feedback zu bekommen

Wer sind wir und warum Erdbeer & Sahne?



Aus gut wird sehr gut



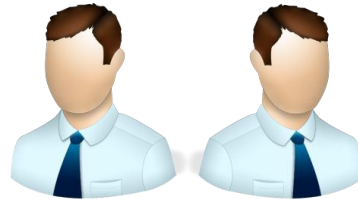
Alle tragen Verantwortung



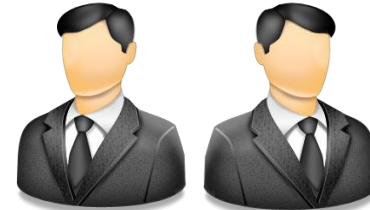
Fujitsu
Nutanix



IT Betrieb



SW Entwicklung



Mitarbeiter



Kunden



vom Jetzt ins Dann



Installation & Implementierung
Plattform/Ressourcen-Bereitstellung
LifeCycle Management
Infrastructure Design & Test
Anwender-Management
Security-Management



IT Betrieb

Break & Fix



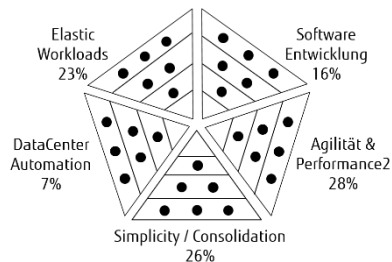
Fujitsu & Nutanix

Was Kunden an Fujitsu besonders schätzen



Enterprise Projekte professionell gestalten mit

1



Indicator-based-Consulting

2



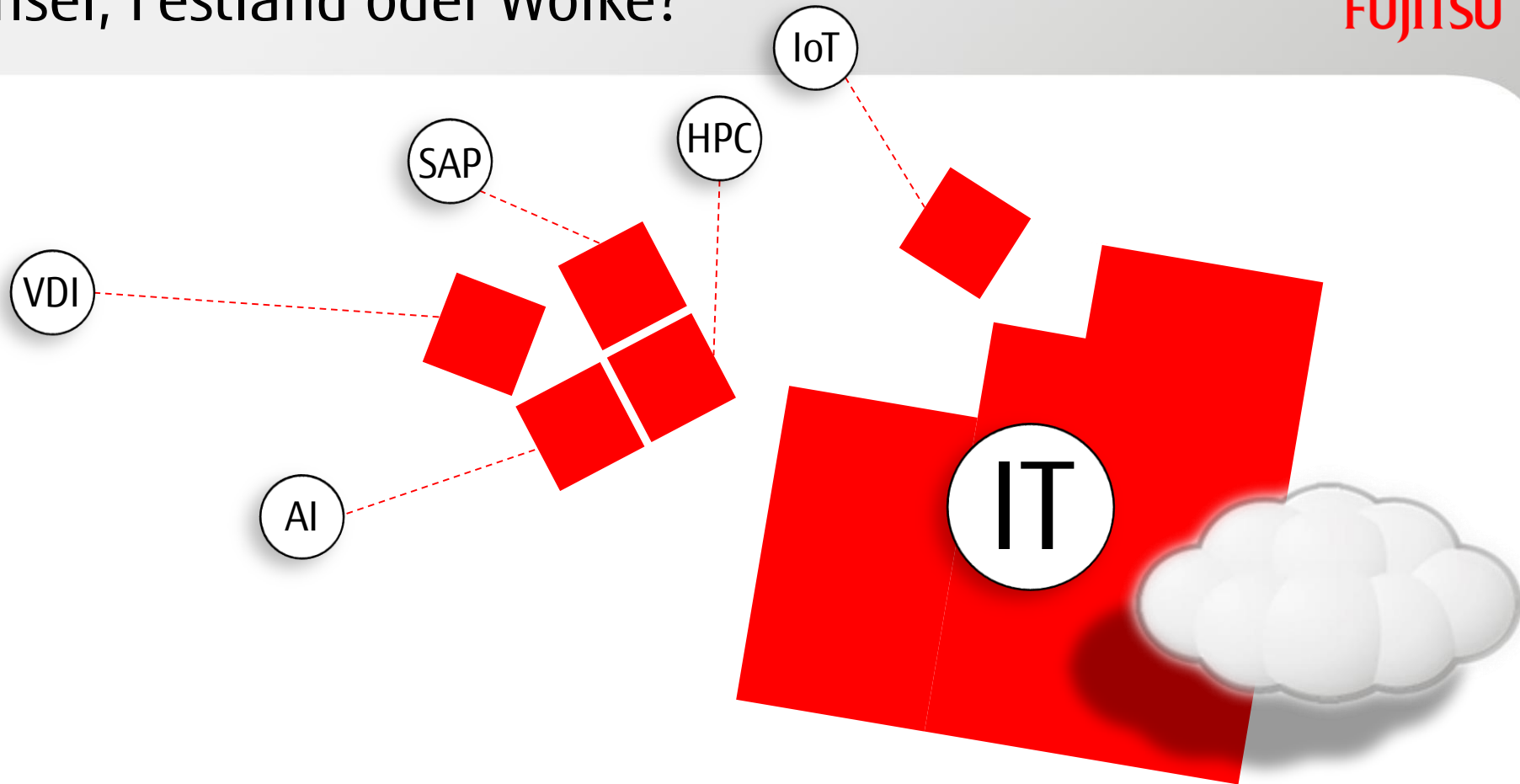
Fujitsu
Integrated System
PRIMEFLEX™

3



Fujitsu
WebArchitect™

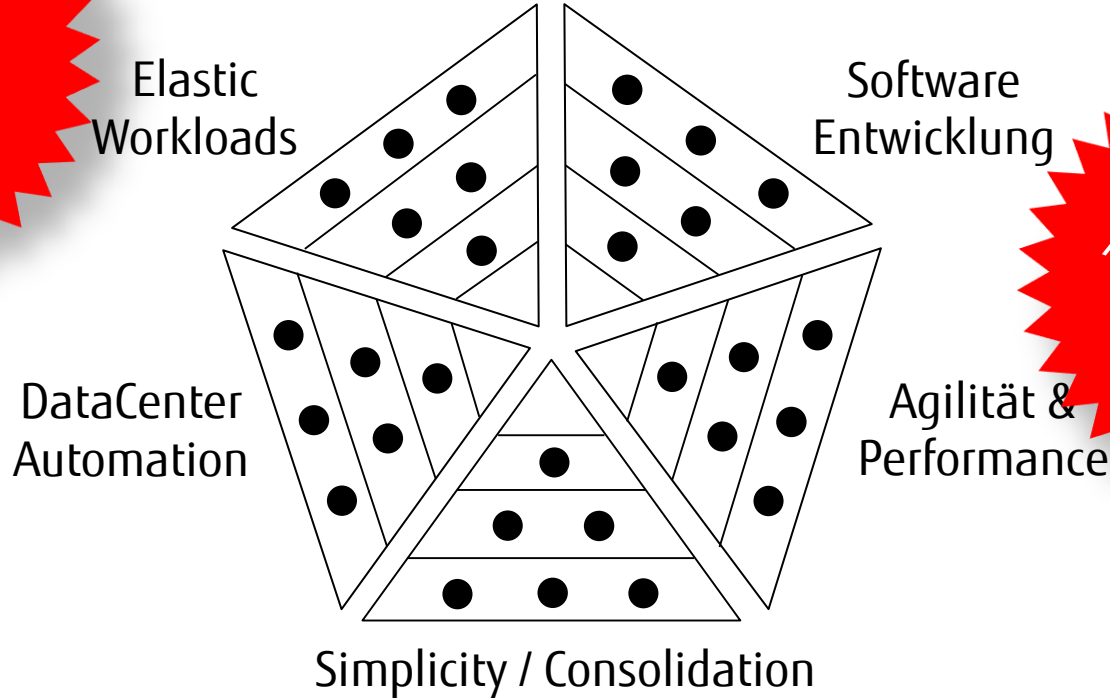
Insel, Festland oder Wolke?



Indicator-based-Assessment

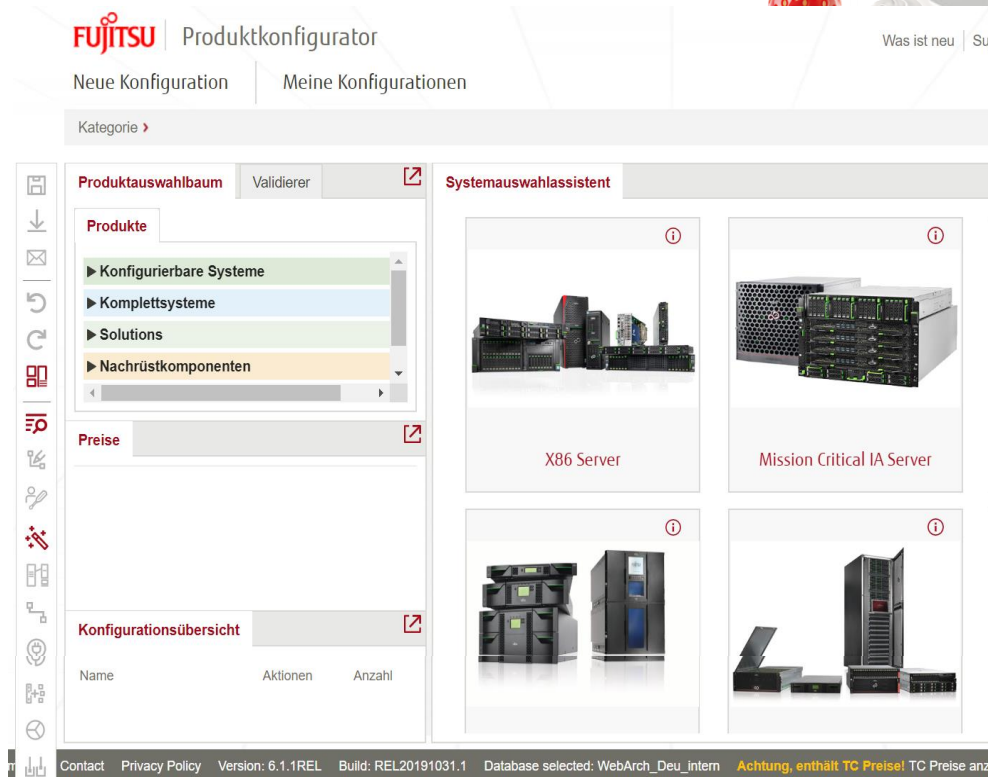


Wir kommen
zu Ihnen



Quick & Easy
Assessment-
Center

- 1 Tool für alle Integrated Systems
 - Umfasst Hardware-, Software- und Service-Configuration
 - Führt unsere Integrationstiefe bildlich vor Augen
 - Integrierter Config-Checker, der die Konsistenz von technischen Konfigurationen prüft
- Wird von Fujitsu, dem Channel und unseren Endkunden eingesetzt
- Ermöglicht Rack-Integration inklusive kompletter elektrischer und elektronischer Verkabelung
- Wird im Feld als AdHoc-Planungstool bei Consulting Gesprächen eingesetzt
- Kann man kostenfrei [hier](#) herunterladen



Warum eignet sich Nutanix so ideal für DevOps?



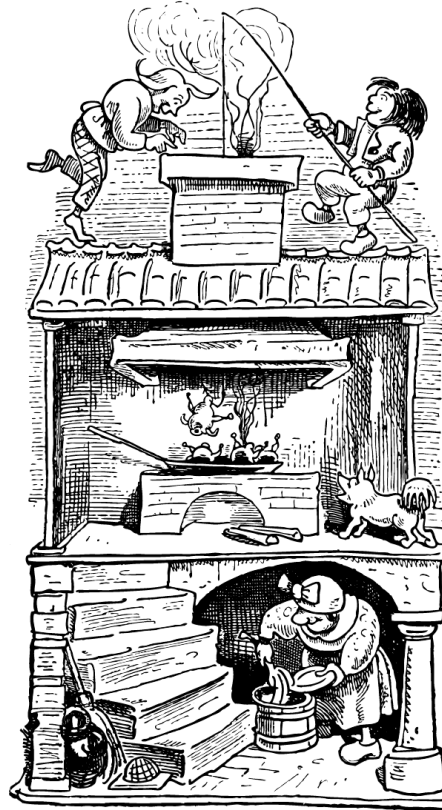
Witwe Bolte`s Keller



Eben geht mit einem Teller
Witwe Bolte in den Keller,

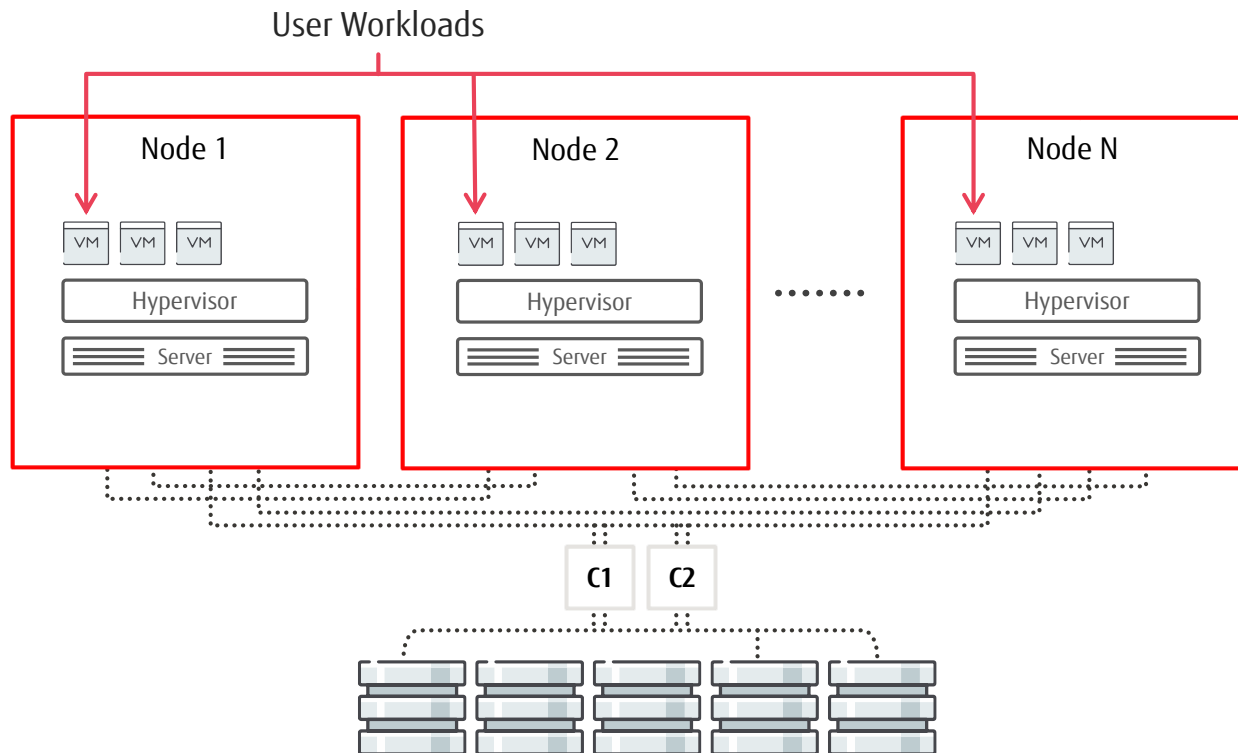
Daß sie von dem Sauerkohle
Eine Portion sich hole,

Wofür sie besonders schwärmt,
Wenn er wieder aufgewärmt.

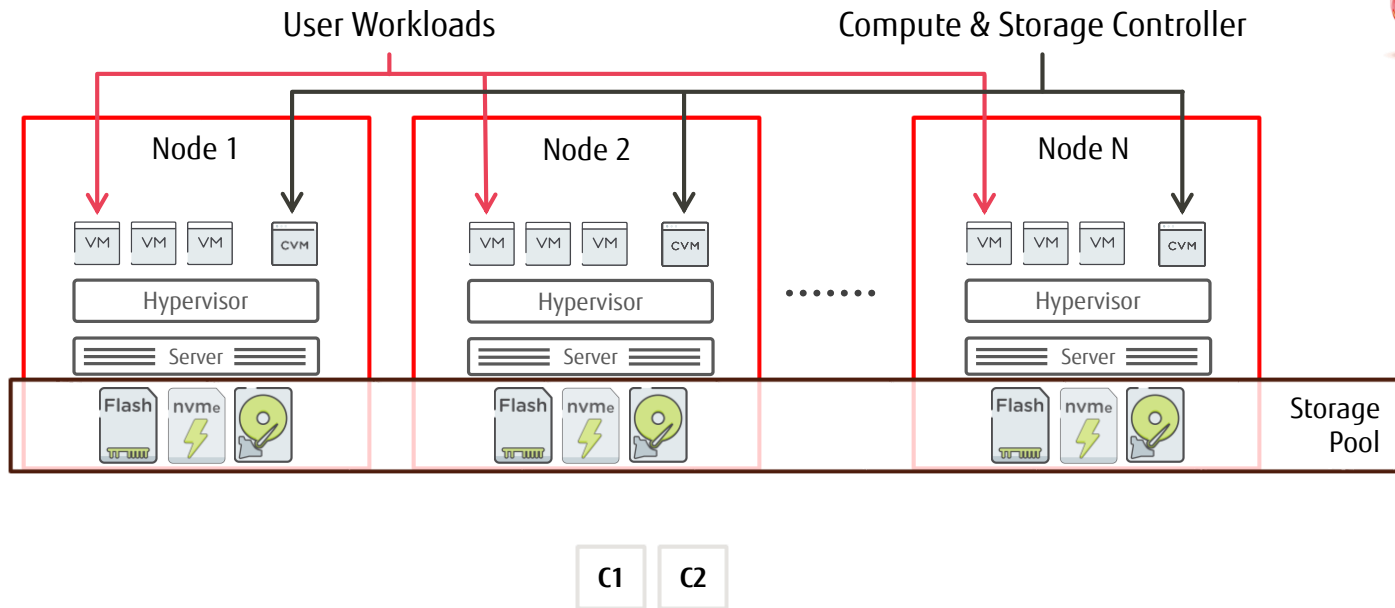


NVMe SSD
&
Intel Optane™ DCPMM

Converging Storage Services



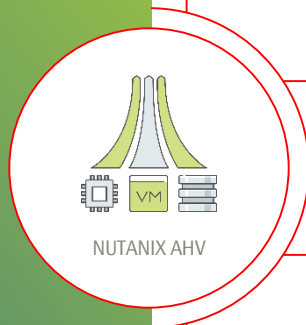
Flexible Scale-out Architecture



- ✓ Start small and scale without limits
- ✓ Increase capacity one node at a time
- ✓ Keep data local for maximum performance
- ✓ Mix node types and hardware generations

AHV: Native Virtualization

AHV

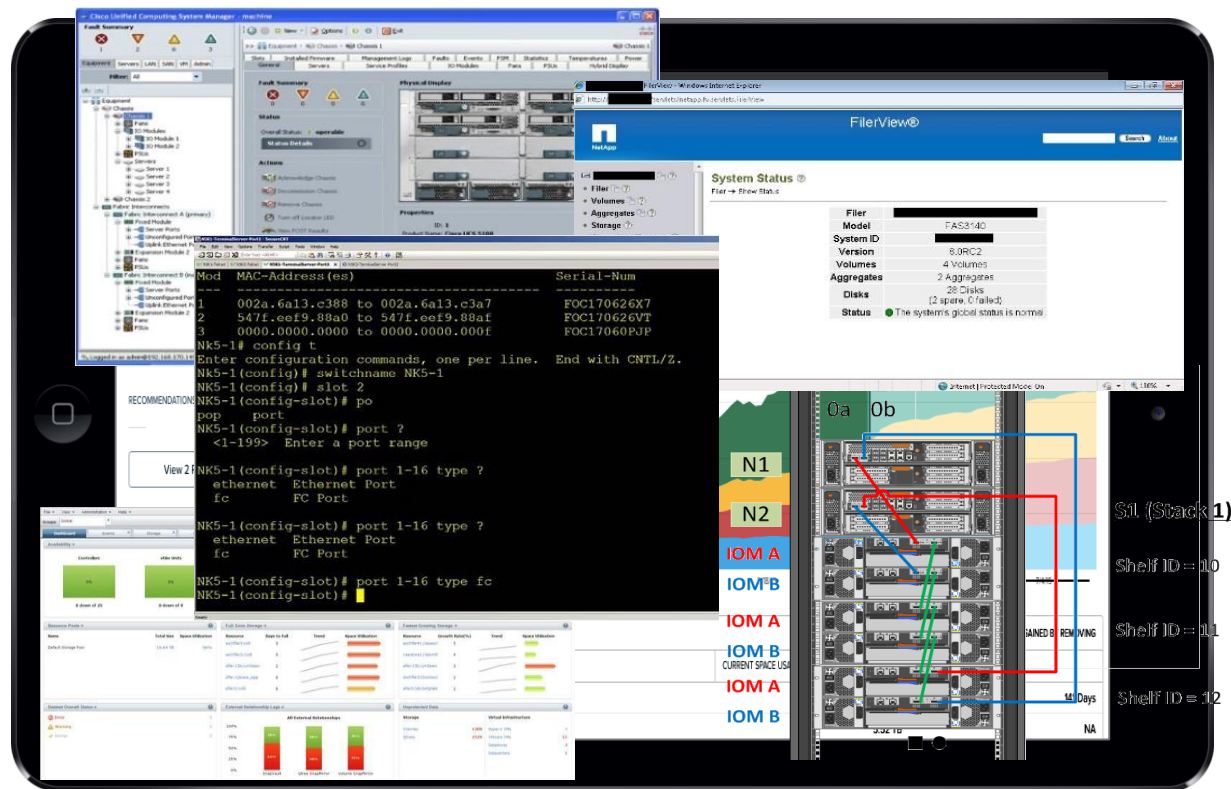


- Built-in high-performance hypervisor
- Complete virtualization management and monitoring
- Hardened for security
- License included. No additional cost.

.....
Native virtualization reduces complexity and
budget requirements
.....



Integrated Consumer-grade Management



Intuitive
Beautiful
Insightful

Eliminate
Complexity...

Nutanix API: Intuitive automation across the stack



Self-Service

Applications

Monitoring

Partner Ecosystem

REST-based API

Multi-
Cloud

Apps

Blueprints

Marketplace

Private
Cloud

VMs/
Containers

Categories

Roles

Users

Infrastructure

Hosts

Disks

Clusters

Foundation

Monitoring

Policies

Nutanix HCI

Ideal Infrastructure for your Kubernetes



Easy Deployment

- Quick cluster install
- Auto-discovered nodes
- Simple infra sizing

Scale without Limit

- Add one node at a time
- Automatic redistribution
- 100% linear performance

Simple Management

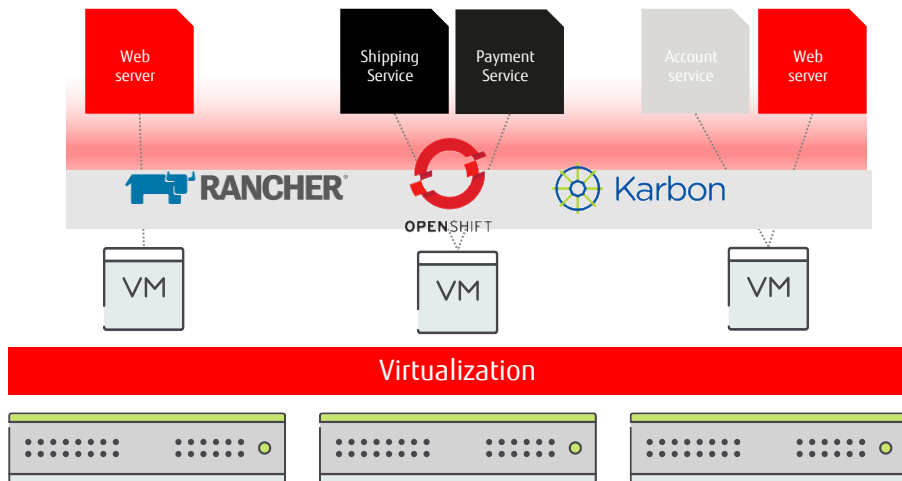
- Single pane of glass
- No IT expertise required
- Access on any device

Real-time Insights

- Machine Learning engine
- Capacity Planning
- Anomaly detection

One-Click Upgrades

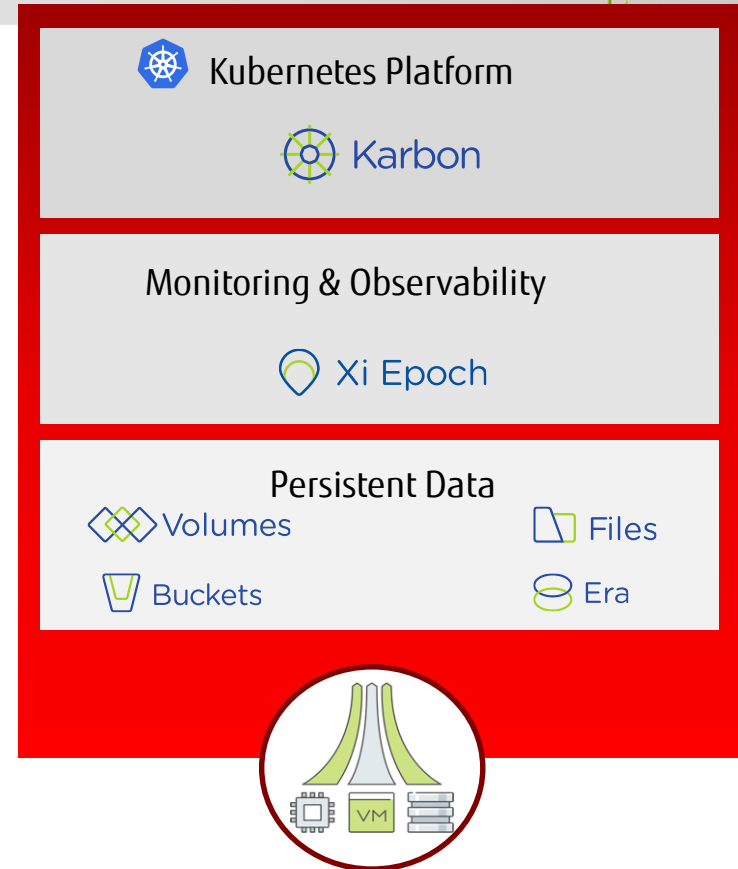
- Nutanix software
- Hypervisor
- Firmware and BIOS



Nutanix cloud native



- Nutanix is the best Infrastructure for Kubernetes
 - Enterprise-grade Storage, Networking & Compute for Kubernetes
 - Ease of use, core Invisible Infrastructure messaging
 - Bring your own Kubernetes: OpenShift, Rancher and more on your hypervisor of choice
- Includes a built-in Kubernetes platform
 - Fast & Easy to get to production containers
- Kubernetes application monitoring
- On-demand database (from VMs) and more



Fastest Path to Kubernetes with Karbon



- Fastest way to get started with Kubernetes non-Production and Production.
- Easy to operate with automated and simplified administration, upgrades, and monitoring.
- Easy Persistent Storage integrations
- Pure Kubernetes without proprietary extensions or interfaces guarantees portability and customer choice.



Karbon

... supports AHV

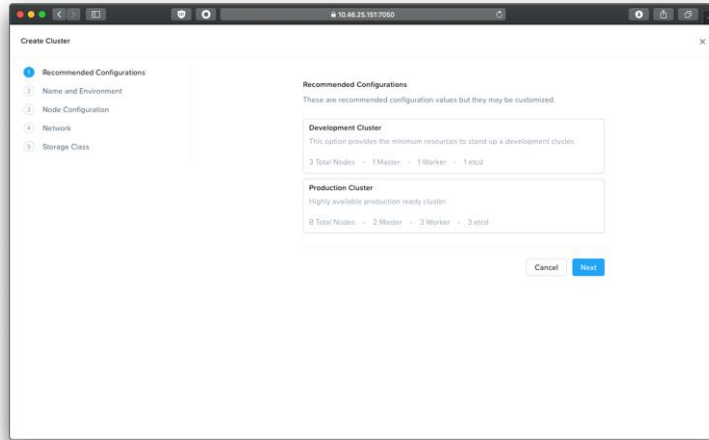


Fast Start & Solid Execution

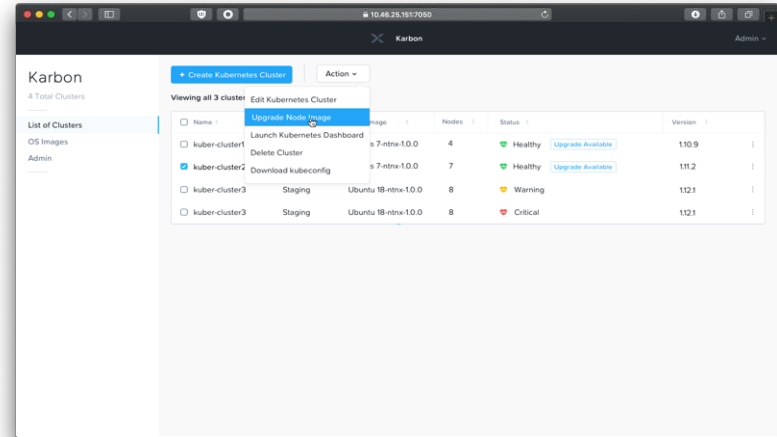
Supports AHV



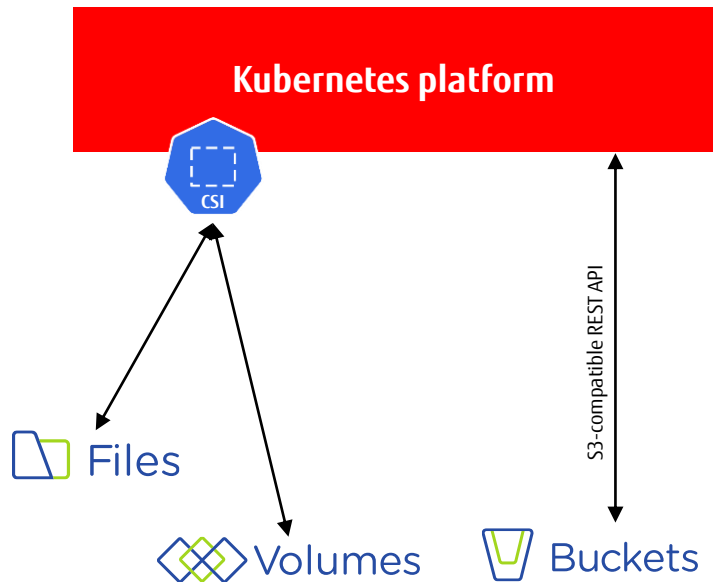
- A Kubernetes novice can get a highly available production ready cluster up and running in minutes while experts can add or swap components and customize to fit their needs.



- Upgrades are automated so keeping your cluster up to date and secure is seamless.



Persistent Storage Integration



Simplified storage for any Kubernetes distribution*

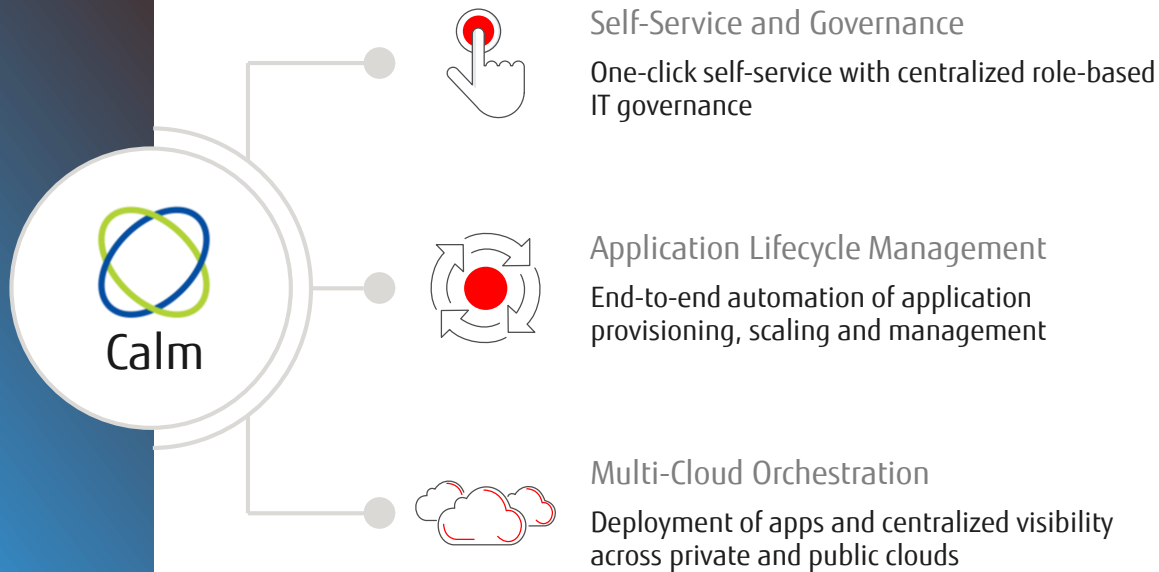
- Nutanix CSI driver
- S3-compatible object storage

Enterprise storage features

- Reliable & Available
- Easy to deploy and manage
- Space efficient (deduplication, etc.)
- High IOPS
- Massive scalability

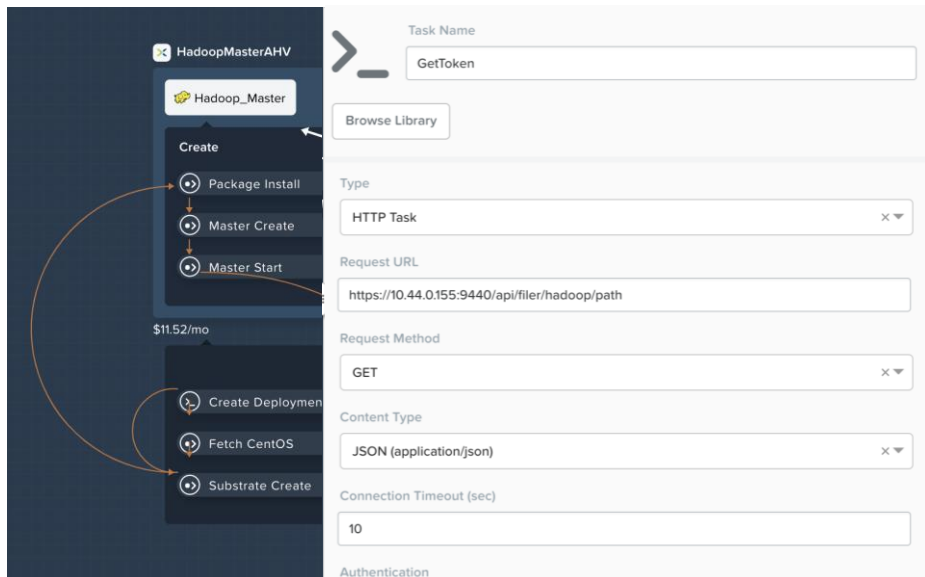
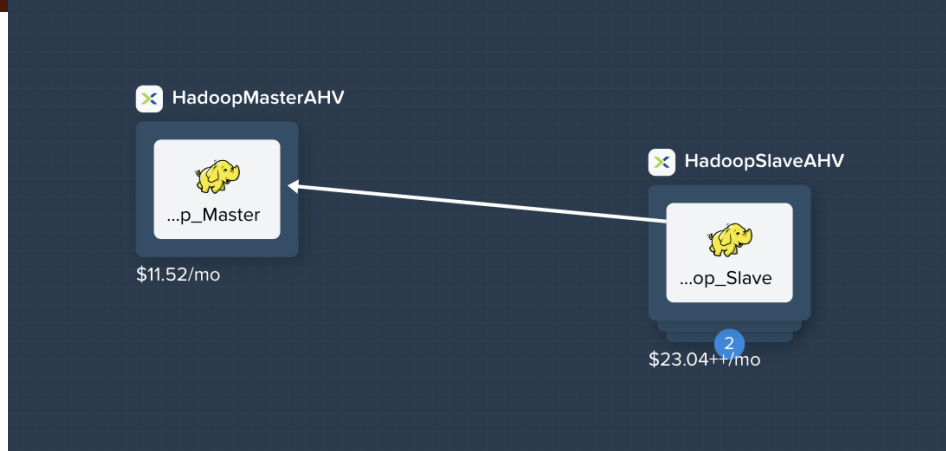
*some storage services require [additional licensing](#)

Automate Empower Relax

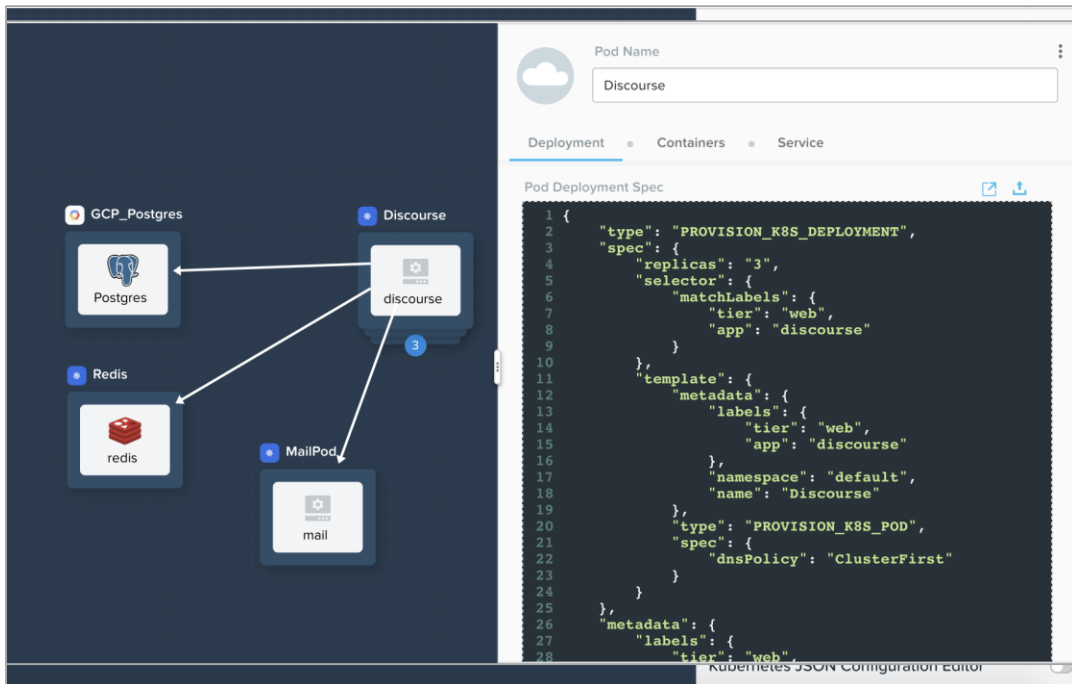


Calm Blueprints

- 1 Makes sense of complexity in a visual way
- 2 Easy to understand dependencies
- 3 Auto generated system action flows
- 4 Utilize existing Bash or PowerShell scripts
- 5 Call any external service using HTTP Tasks



Kubernetes with Calm



1

Supports Vanilla K8s API,
Karbon, Public K8s Services

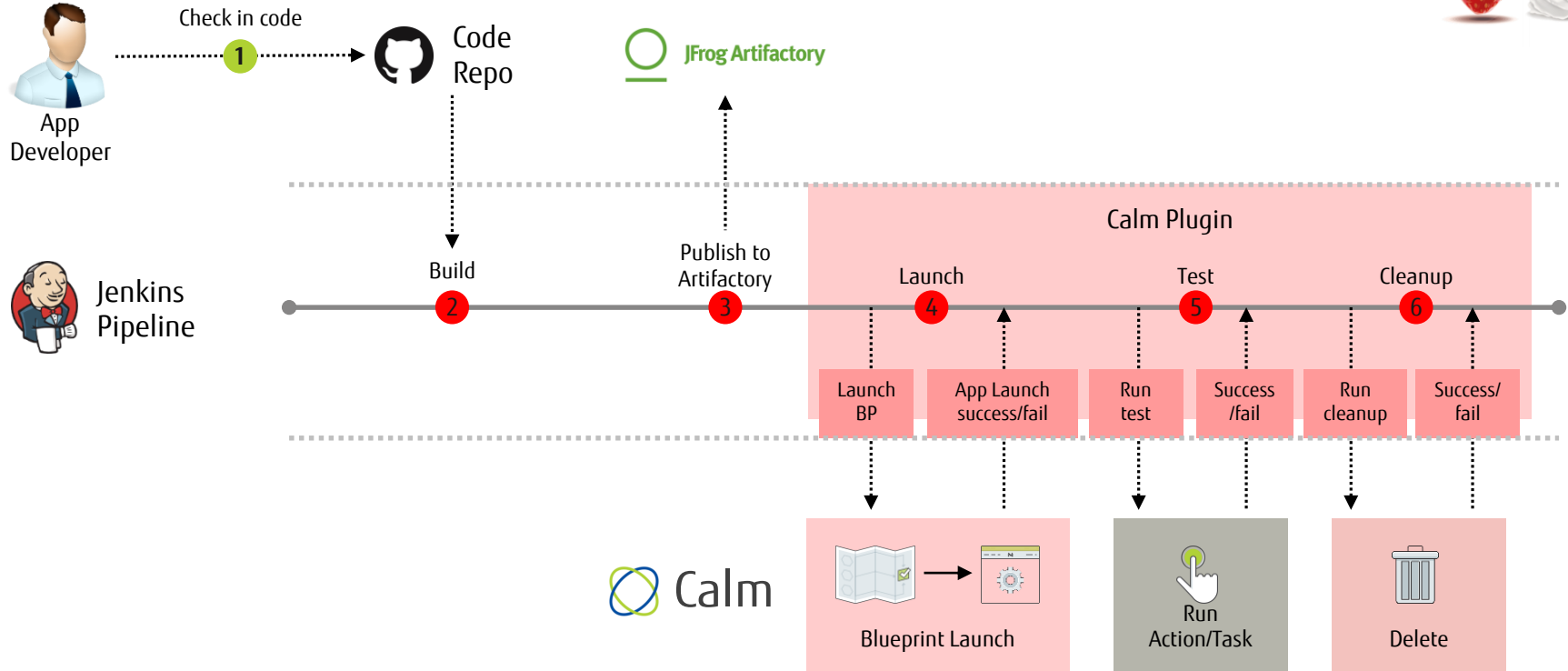
2

Combined Life Cycle
Management of VMs and
Kubernetes Pods in a single
blueprint

3

Manage Kubernetes
deployments and services
using spec editor

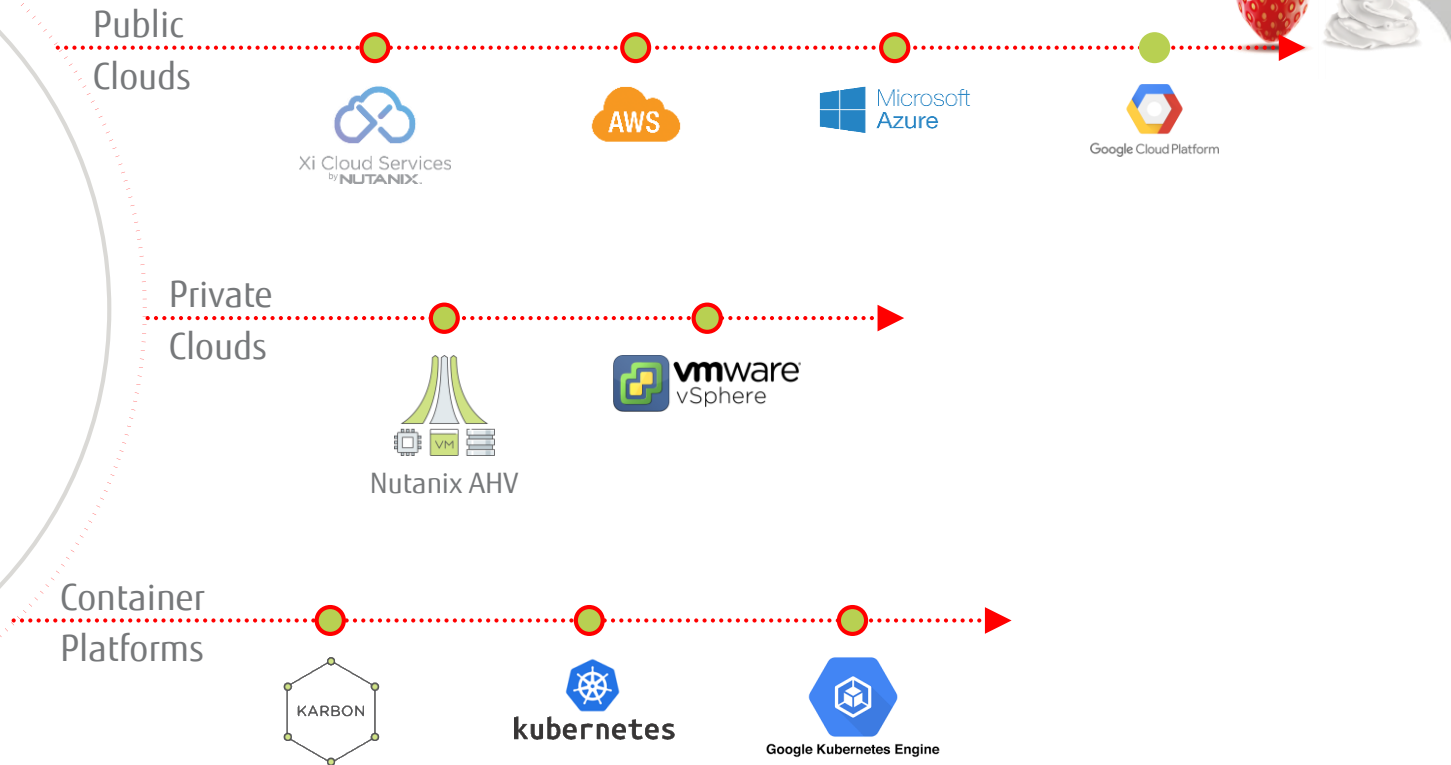
Use Case: CI/CD using Calm and Jenkins



Mix and Match Clouds



Freedom
to Choose





NUTANIX

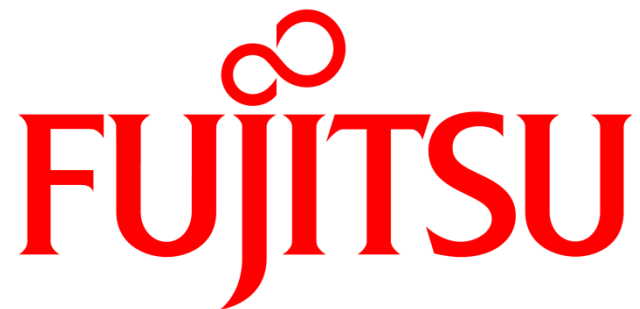
FUJITSU
shaping tomorrow with you

Wir sagen Danke, dass wir Sie treffen durften

Michael Homborg, Fujitsu

Wolfgang Huse, Nutanix





shaping tomorrow with you